

# SPK PROGRAM OVERVIEW

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# CIVIL WORKS - SUPPLEMENTAL PROGRAM

## Program:

Public Law 115-123 - Bipartisan Budget Act of 2018 (BBA FY18)

or

Long-Term Disaster Recovery Investment Program (LDRIP)

or

“Supplemental Program”

## Program Objectives:

1. Fully fund projects to completion with the intent to reduce risk of future disasters
2. Complete projects
3. Expedite delivery

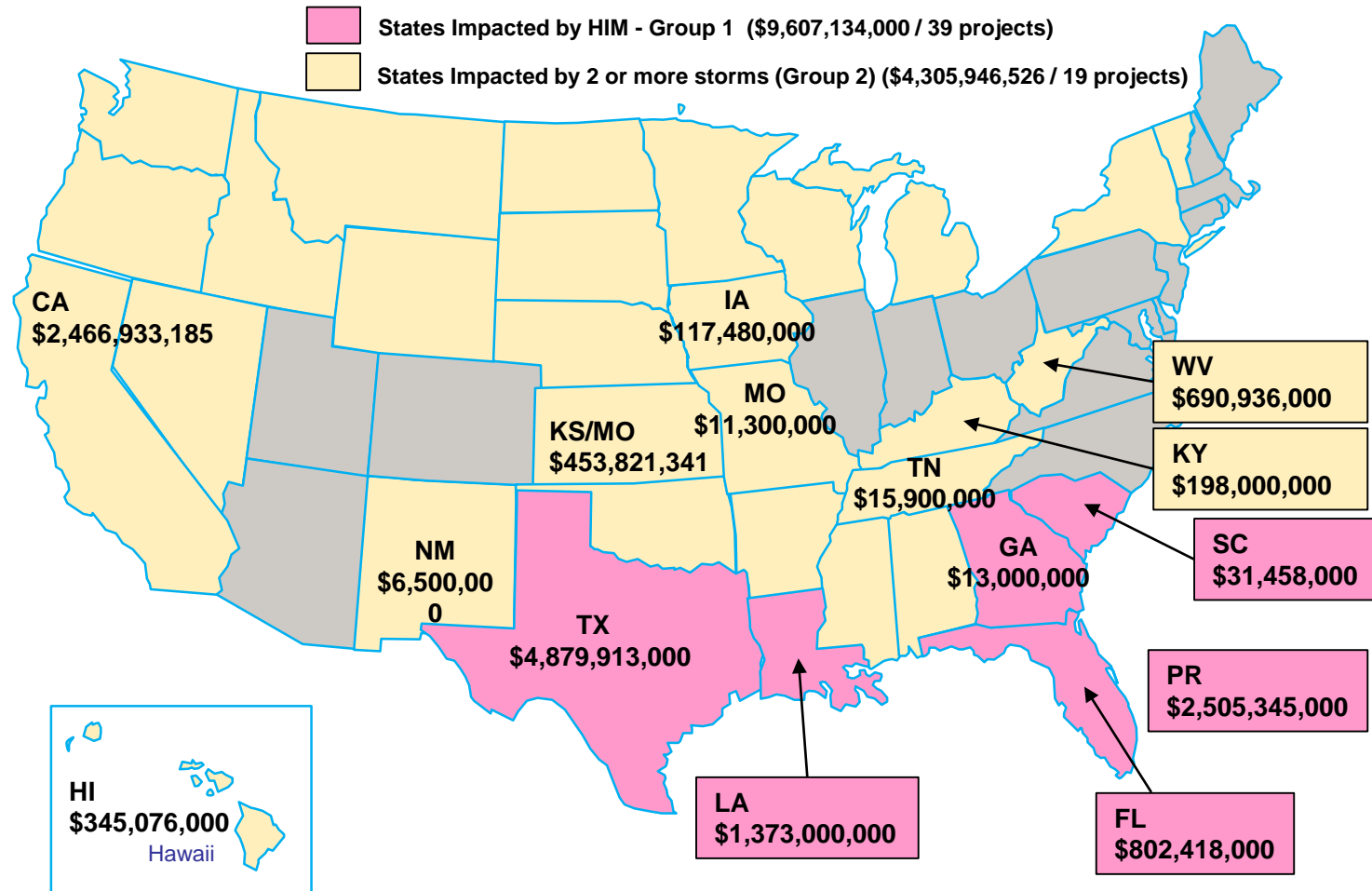


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# LONG-TERM DISASTER RECOVERY INVESTMENT PLAN

## Construction Initial Allocations by State



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# SPK SUPPLEMENTAL PROJECT LOCATIONS

4

Yuba River Basin -  
(Marysville Ring Levee)  
Ongoing  
Supp. = \$13.5M ~8%  
Total = \$160M



ARCF – 2016  
New Start  
Supp. = \$1.57B ~87%  
Total = \$1.8B



Folsom Dam Raise  
Ongoing  
Supp. = \$216M ~ 59%  
Total = \$373M





Tule River -  
(Success Dam)  
Ongoing  
Supp. = \$74M ~100%  
Total = \$74M



Isabella Dam  
Ongoing  
Supp. = \$258M ~ 43%  
Total = \$601M



 Dam Safety  
 Flood Damage  
Reduction

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# AMERICAN RIVER COMMON FEATURES 2016



## AVAILABLE FUNDING/COMMITMENTS

### Funding:

Authorized Cost – \$1.8B

Fed Available: \$12.87M

Non-Fed Available: \$259.6K

**Total Available: \$13.13M**

### Authorized Project:

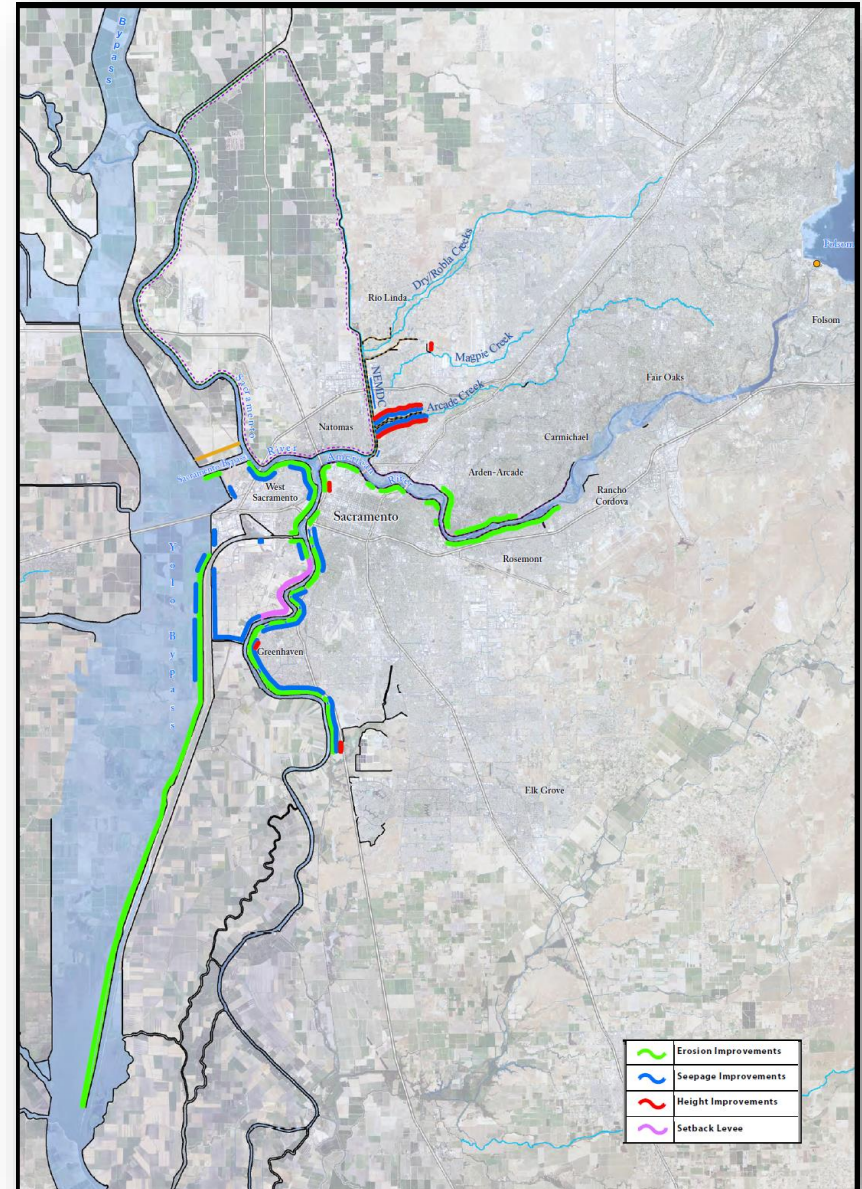
- Cutoff Walls – 13 miles
- Bank Protection – 21 miles
- Levee Stabilization – 5 miles
- Levee Raises – 5 miles
- Widen Sacramento Weir and Bypass 1500 ft

## SCHEDULE

MAY 19	JUN 19	JUL 19
7 – RDC1 Issue Solicitation 17 - 35% Design submittal for AR C1 (Erosion) 31 – 35% Design Complete (Sac Weir)	01 – Start 65% Design & SEIS (Sac Weir) 16 – 65% SREL C1 29 – NAS Reach I RTA	30 – RDC1 Const. Award 65% Design submittal for AR C1

### FY19 Commitments:

- Construction Award – Reach D, Contract 1
- North Beach Lake Mitigation Project Start
- Complete 100% Design for AR Contract 1 (Erosion)
- 65% Design (Sac Weir)







# TULE RIVER



## AVAILABLE FUNDING/COMMITMENTS

### Funding:

Authorized Cost – \$74M

Fed Available: \$4.3M

Non-Fed Available: \$0

**Total Available: \$4.3M**

### Authorized Project:

- ~10 foot spillway raise
- ~365 foot wide spillway

## SCHEDULE

MAY 19	JUN 19	JUL 19
<ul style="list-style-type: none"><li>- Continue SOW coordination</li><li>- Continue VE efforts</li><li>- Continue cultural survey</li><li>- Continue Televiewer</li><li>- Continue with SEA</li><li>30 – Award Ogee AE</li></ul>	<ul style="list-style-type: none"><li>- Continue VE efforts</li><li>- Continue cultural survey</li><li>- Continue Televiewer</li><li>- Continue with SEA</li><li>28 – 35% Right Cut Design</li></ul>	<ul style="list-style-type: none"><li>2 – 35% design complete for road relocation</li><li>16 – PDT review of 35% design for road relocation</li></ul>

### FY19 Commitments:

- PPA Execution – 18 Apr 19 (A)
- Award Civil AE Contract – 09 Apr 19 (A)
- Award Ogee Contract – 30 May 19
- 35% Design Right Cut – 28 Jun 19





# YUBA RIVER BASIN – MARYSVILLE



## AVAILABLE FUNDING/COMMITMENTS

### Funding:

Authorized Cost – \$153M

Fed Available: \$46.1M

Non-Fed Available: \$1.56M

**Total Available: \$47.56M**

### Authorized Project:

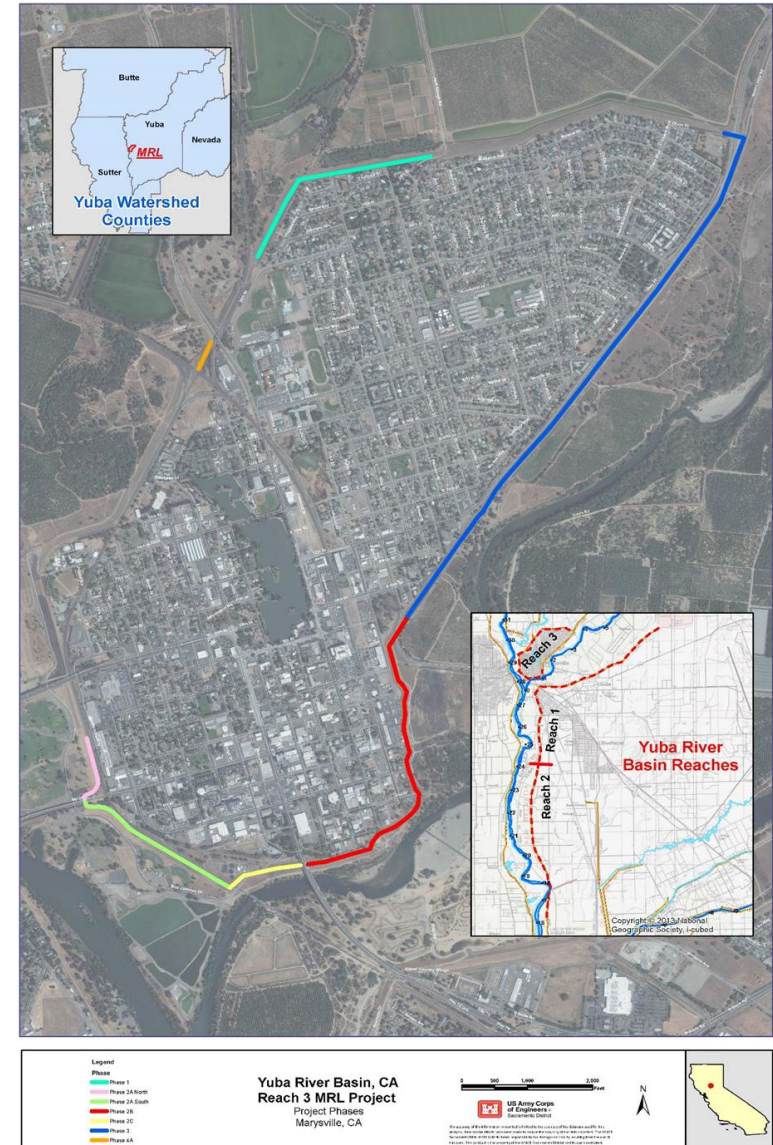
- Cutoff Walls – 5 miles

## SCHEDULE

MAY 19	JUN 19	JUL 19
10 – 2C RTA (delayed) 27 – Draft SEA/FONSI Completed 29 – Phase 2B/3 ROE	06 – Phase 2B/3 RTA 14 – Final SEA/FONSI 28 – Sign SEA/FONSI	30 – 2B/3 RE certification

### FY19 Commitments:

- Phase 2C RTA – 10 May 19
- Phase 2B/3 RTA – 06 Jun 19
- Phase 2B/3 SEA – 30 Jun 19
- Phase 2C RE Cert – 13 May 19
- Phase 2B/3 RE Cert – 30 Jul 19







# FOLSOM DAM RAISE



## AVAILABLE FUNDING/COMMITMENTS

### Funding:

Authorized Cost – \$373M

Fed Available: \$3.7M

Non-Fed Available: \$0

**Total Available: \$3.7M**

### Authorized Project:

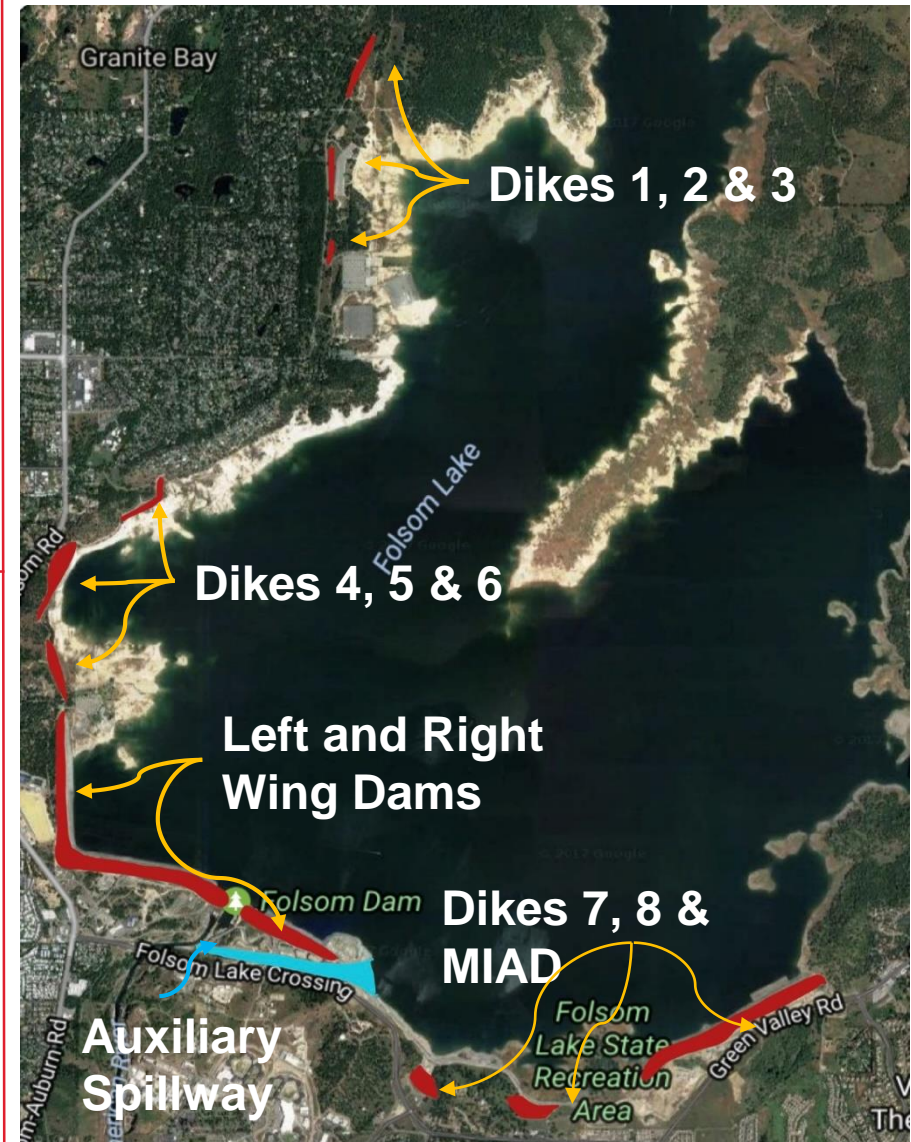
- Dike Raises – 5 miles
- Wing Dam Raises – 3 miles
- Auxiliary Dam Raise – 2 miles
- Main Dam Gates – 8
- Ecosystem Restoration (not supplemental funded)

## SCHEDULE

MAY 19	JUN 19	JUL 19
08 – 65% Initial Design Submittal (Dike 7)	12 – 65% Design Initial Draft Submittal (Dikes 1-6)	1 – Dike 8 Construction Bids Due
30 – 65% QA complete (Dike 7)	30 – Dike 8 - Post Solicitation on FBO for Construction	15 - 65% Design Interagency/ATR/SAR complete
31 May – Interagency Design Review begins (Dike 7)		

### FY19 Commitments:

- 35% Design of Dikes 1-6
- 35% Design of Dikes 7,8, and MIAD
- 100% Design Review – Dike 8
- Construction Contract Award – Dike 8





# CIVIL WORKS PROGRAM (NON-SUPPLEMENTAL)

- Subject to annual budget development & annual Appropriation process



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# LOWER CACHE CREEK FLOOD RISK MANAGEMENT FEASIBILITY STUDY



## AVAILABLE FUNDING/COMMITMENTS

### Funding:

Authorized Cost – TBD

Fed Available: \$112K

Non-Fed Available: \$561K

**Total Available: \$673K**

### Tentatively Selected Plan:

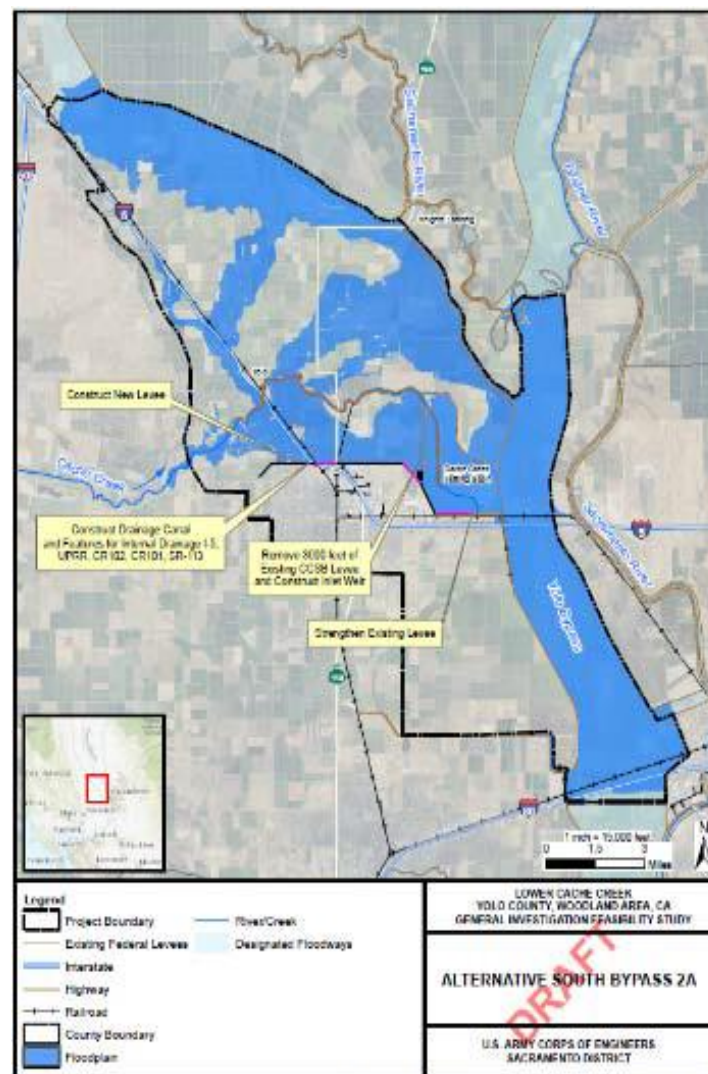
- Remove 3,000 feet of existing levee
- Construct seven (7) miles of new levee
- Strengthen levees along south border of settling basin
- Construct inlet weir and divert waters into settling basin

## SCHEDULE

MAY 19	JUN 19	JUL 19
<ul style="list-style-type: none"> <li>• Finalize schedule &amp; funding plan for COA 2.5</li> <li>• IPR – Funding &amp; Schedule</li> <li>• Draft Report work efforts ongoing</li> </ul>	<ul style="list-style-type: none"> <li>• Draft Report work efforts ongoing</li> </ul>	<ul style="list-style-type: none"> <li>• Draft Report work efforts ongoing</li> <li>• IPR – Economics</li> </ul>

### FY19 Commitments:

- TSP
- Release of Draft Report



21 DEC 2018 DRAFT

PLATE 15

# **YUBA RIVER ECOSYSTEM RESTORATION FEASIBILITY STUDY**



## AVAILABLE FUNDING/COMMITMENTS

### Funding:

Authorized Cost – \$5.14M

Current EAC – \$4.99M

Fed Available: \$89.2K\*

NF Available: \$106.3K

**Total Available: \$195.5K**

### Tentatively Selected Plan:

- Aquatic Habitat – 43 acres
- Riparian Habitat – 136 acres

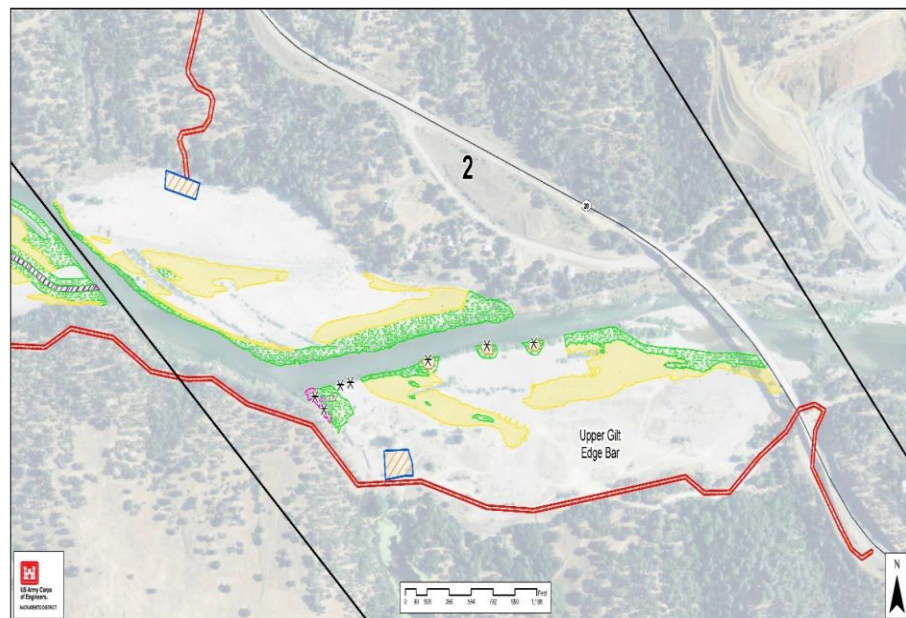
## SCHEDULE

MAY 19	JUN 19	JUL 19
Ongoing: Respond to comments; compile additional cost/benefit information for the Chief's Report	Ongoing: Respond to comments; compile additional cost/benefit information for the Chief's Report	31 Chief's Report
27-28 Chief's Visit		

### FY19 Commitments:

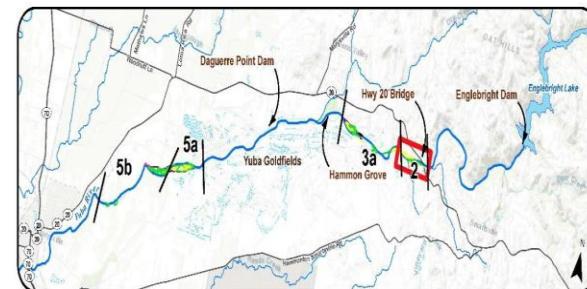
- Submit Final Report to vertical team
- Senior Leadership Briefing
- Chief's Report

\*This excludes IEPR funds on a different P2#



## RECOMMENDED PLAN

Yuba River Ecosystem Restoration  
Feasibility Study







# LOWER SAN JOAQUIN RIVER PED



## AVAILABLE FUNDING/COMMITMENTS

### Funding:

Authorized Cost – \$1300M

Fed Available: \$0M

Non-Fed Available: \$0.037M

**Total Available: \$0.037M**

### Authorized Project (WRDA 2018):

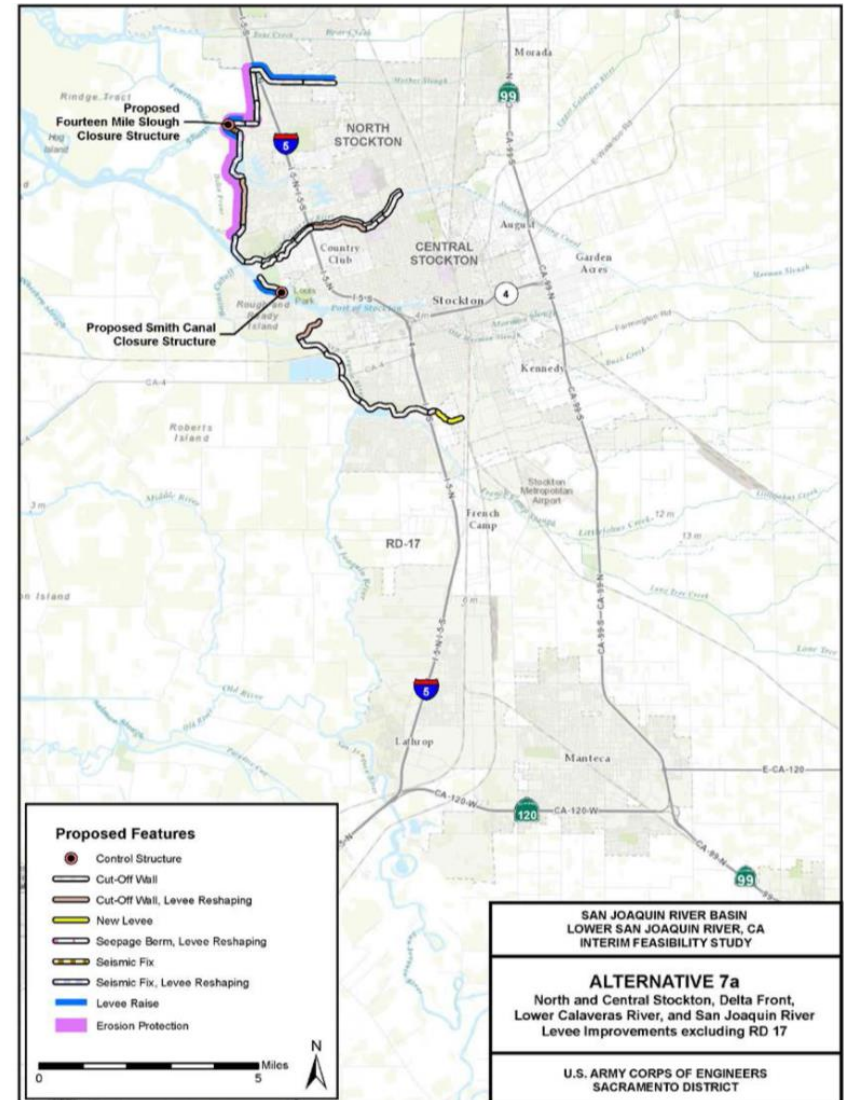
- Cutoff Walls – 22.5 miles
- Seismic Fixes – 3.0 miles
- Levee Raise – 2.8 miles
- Setback Levee – 1.3 miles
- Geometry Improvements – 6 miles
- Rock Revetment – 5 miles
- New Levee – 0.8 miles

## SCHEDULE

MAY 19	JUN 19	JUL 19
5 SPK DE signs and executes DA	1 Hydraulic and Geotechnical analysis; Design continues	1 Hydraulic and Geotechnical analysis; Design continues
9 SPK send funds request letter to non-federal sponsors		
24 Receipt of funds from SJAFCA; Designs begin		

### FY19 Commitments:

- Execute a Design Agreement (DA)
- Begin designs (for the first 1-2 reaches)





# WEST SACRAMENTO



## AVAILABLE FUNDING/COMMITMENTS

### Funding:

Authorized Cost – \$1.2B

Fed Available: \$107,858K

Non-Fed Available: \$20,183K

**Total Available: \$128,041K**

### Authorized Project (WRDA 2016):

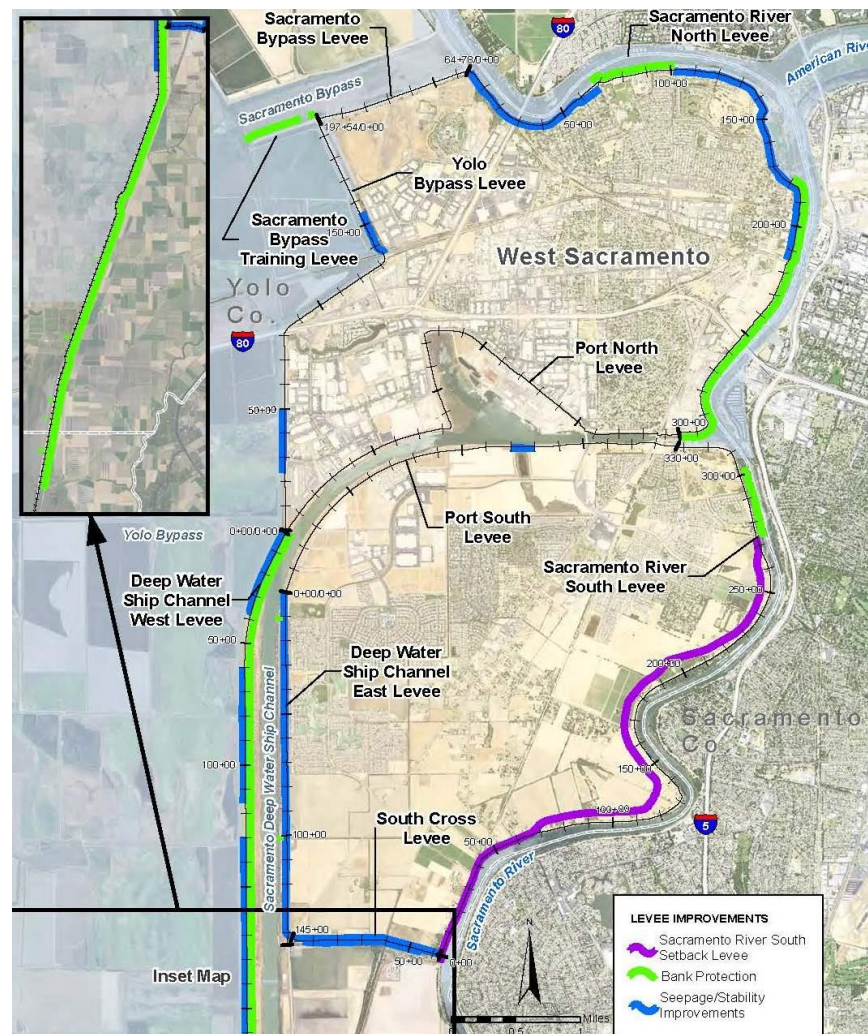
- Cutoff walls – 16 miles
- Bank Protection – 23.5 miles
- Levee Stabilization – 4.5 miles
- Setback Levee – 3.8 miles
- Improvements to Deep Water Ship Channel – 17 miles

## SCHEDULE

APR 19	MAY 19	JUN 19
Prepare the RP & PMP Prep the PPA Doc.	Technical disciplines continue work on the ePMP and RP	Technical disciplines work to finalize the ePMP and RP
PLB Mtg and PDT kick-off mtg.	Technical disciplines continue coord with design efforts and reviews	Technical disciplines continue coord with design efforts and reviews
*Assemble a team and Ramp up to Run		

### FY19 Commitments:

- Appropriation FY 19 WP funding (i) PED
- Initiate DA, PMP and RP for PED effort.







# ARCF NATOMAS



## AVAILABLE FUNDING/COMMITMENTS

### Funding:

Authorized Cost – \$1.28B

Current EAC - \$1.276B

Fed Avail - \$51.6M

NF Avail - \$5.7M

**Total Available - \$57.3M**

### Authorized Project (WRRDA 2014):

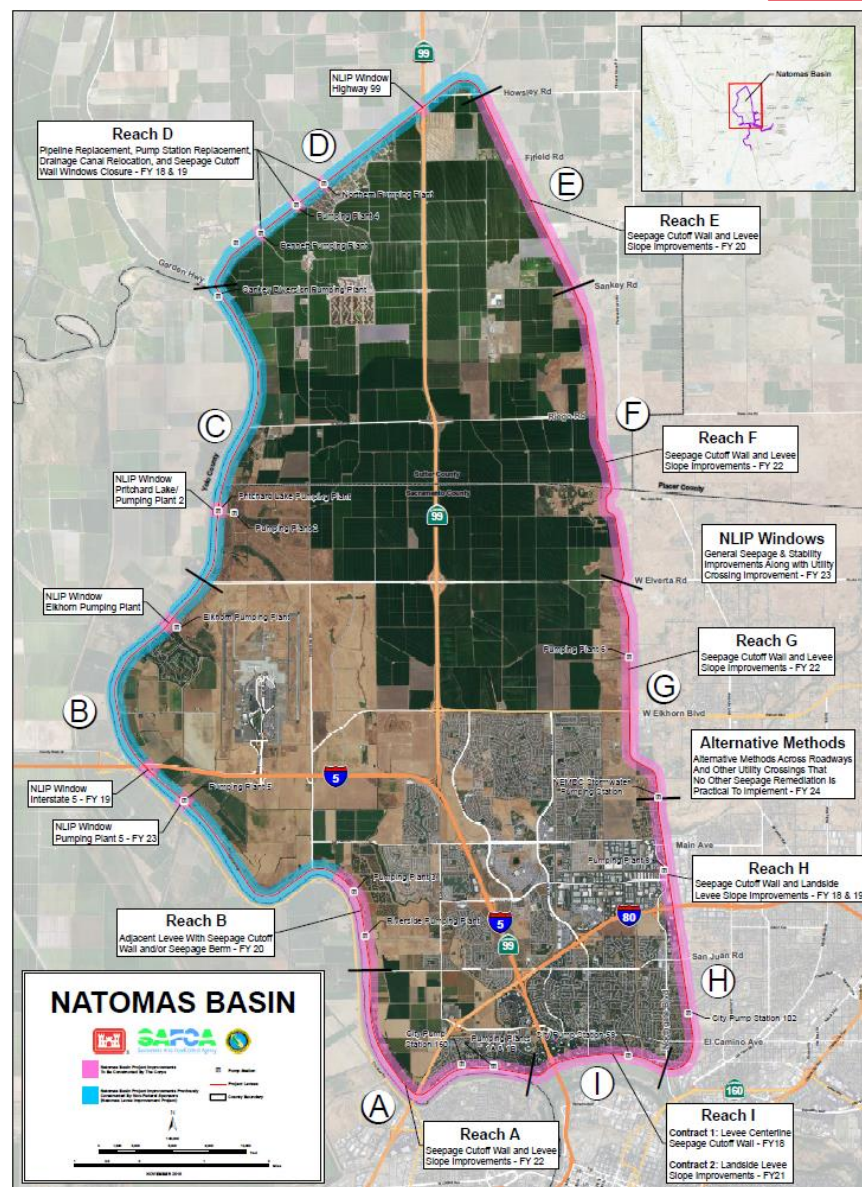
- Cutoff Wall – 34 miles
- Levee Stabilization – 8 miles

## SCHEDULE

MAY 19	JUN 19	JUL 19
22 - I-5 Window, A-E Complete 65% Design 9 – Reach B, Complete Final Design 31- Reach E Complete 35% Design construction	1-31 –continue RIC1 construction - 1 – continue Reach D construction 1-31 – begin Reach H construction	10 – Issue Reach B Solicitation 1-12 – Reach A –Complete 65% Design

### FY19 Commitments:

- I-5 Window Design
- Award Riverside Canal construction contract
- Reach E – begin design
- Reach D – Resume Construction in May
- Reach I, Contract 1 Construction
- Reach H – begin construction







# PL 84-99 LEVEE REHABILITATION



## AVAILABLE FUNDING/COMMITMENTS

### Funding:

Authorized Cost – NA  
Current EAC – \$183M

Current Fed - \$ 92,438,388  
Current NF - \$ 1,172,446  
**Total Avail - \$ 67,977,594**

### Authorized Project:

- Repair of damaged sites that are eligible for rehabilitation assistance under PL 84-99

## SCHEDULE

MAY 19	JUN 19	JUL 19
<ul style="list-style-type: none"> <li>Award two contracts scheduled for 31MAY2019 and one contract scheduled for 25SEP2019</li> </ul>	<ul style="list-style-type: none"> <li>Award one contract scheduled for 3JUN2019</li> </ul>	<ul style="list-style-type: none"> <li>Award one contract scheduled for 11JUL2019</li> </ul>

### FY19 Commitments:

- Award and execute remaining FY18 construction contracts and new FY19 construction contracts

